

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application No.	10/630,629
		Filing Date	July 29, 2003
		First Named Inventor	Narum, David L.
		Art Unit	1653
(Multiple sheets used when necessary)		Examiner	Unknown
SHEET 1 OF 1		Attorney Docket No.	NIH290.001C1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
PD	2	WO 02/078603 A2	10-10-2002	U.S. Govt./DHHS		

NON PATENT LITERATURE DOCUMENTS

2055975:vr110905

Examiner Signature /Patricia Duffy/ **Date Considered** 01/22/2007
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application No.	10/630,629
		Filing Date	July 29, 2003
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		Art Unit	1645
OCT 24 2003 (Multiple sheets used when necessary)		Examiner	Duffy, Patricia Ann
SHEET 1 OF 1		Attorney Docket No.	NIH290.001C1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
PD	1	Database EMBL 'Online!' EBI; 15 March 1999 "Plasmodium falciparum genome sequence" Database accession no. AL049180.	
PD	2	International Preliminary Examination Report from the priority PCT application No. PCT/US01/24725.	
PD	3	International Search Report from the priority PCT application No. PCT/US01/24725.	
PD	4	KAPPE, S.H.I. et al. 1997 "Erythrocyte binding protein homologues of rodent malaria parasites." <i>Mol Biochem Parasitol</i> 89(1):137-148.	
PD	5	MAYER, D.C.G. et al. 2001 "Characterization of a Plasmodium falciparum erythrocyte-binding protein paralogous to EBA-175." <i>PNAS USA</i> Apr 24; 98(9):5222-5227, Epub 2001 Apr 17.	
PD	6	PETERSON, D.S. et al. 1995 "Isolation of multiple sequences from the Plasmodium falciparum genome that encode conserved domains homologous to those in erythrocyte-binding proteins." <i>PNAS USA</i> 92(15):7100-7104.	
PD	7	SIM B.K.L. 1995 "EBA-175: an erythrocyte-binding ligand of Plasmodium falciparum." <i>Parasitol Today</i> 11(6):213-217.	
PD	8	TRIGLIA, T. et al. 2001 "An EBA175 homologue which is transcribed but not translated in erythrocytic stages of Plasmodium falciparum." <i>Mol Biochem Parasitol</i> Aug; 116(1):55-63.	

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Substitute for Form 1449/A/PTO		Complete if Known	
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		Filing Date	Concurrently Herewith
		First Named Inventor	David L. Narum
		Group Art Unit	
		Examiner Name	
Sheet	1	of	3
		Attorney Docket Number	05213-0468

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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		First Name & Inventor	David L. Narum
		Group Art Unit	
		Examiner Name	
Sheet 2	of 3	Attorney Docket Number	05213-0468
OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	
PD	5	ADAMS, J. H., HUDSON, D. E., TORII, M., WARD, G. E., WELLEMS, T. E., AIKAWA, M., MILLER, L. H. "The Duffy receptor family of Plasmodium knowlesi is located within the merozoites of invasive malaria merozoites." Cell. 63: 141-153. (1990)	
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PD	9	DEANS, J. A., AND W. C. JEANS. 1987. Structural studies on a putative protective Plasmodium knowlesi merozoite antigen. Molecular Biochemical Parasitology. 26:155-166.	
PD	10	DOLAN, S. A., J. L. PROCTOR, D. W. ALLING, Y. OKUBO, T. E. WELLEMS, AND L. H. MILLER. 1994. Glycophorin B as an EBA-175 independent Plasmodium falciparum receptor of human erythrocytes. Mol Biochem Parasitol. 64:55-63.	
PD	11	FANG, X., KASLOW, D. C., ADAMS, J. H., MILLER, L. H. "Cloning of the Plasmodium vivax Duffy receptor." Mol. Biochem. Parasitol. 44: 125-132 (1991).	
PD	12	HADLEY, T. J., ERKMEN, Z., KAUFMAN, B. M., FUTROVSKY, S., MCGUINNIS, M. H., GRAVES, P., SADOFF, J. C., MILLER, L. H., Factors influencing invasion of erythrocytes by Plasmodium falciparum parasites: the effects of an N-acetyl glucosamine neoglycoprotein and an anti-glycophorin antibody. Am J Trop Med Hyg 1986 Sep; 35(5):898-905.	
PD	13	HARTIKKA, J., SAWDEY, M., CORNEFERT-JENSEN, F., MARGALITH, M., BARNHART, K., NOLASCO, M., VAHLSING, H. L., MEEK, J., MARQUET, M., HOBART, P., NORMAN, J., AND MANTHORPE, M. 1996. An improved plasmid DNA expression vector for direct injection into skeletal muscle. Hum Gene Ther. 7:1205-17.	
PD	14	HORUK, R., CHITNIS, C. E., DARBONNE, W. C., COLBY, T. J., RYBICKI, A., HADLEY, T. J., AND MILLER, L. H., 1993. A receptor for the malarial parasite Plasmodium vivax: the erythrocyte chemokine receptor. Science. 261:1182-4.	
PD	15	LIANG, H., NARUM, D. L., FUHRMANN, S. R., LUU, T., SIM, B. K., 2000. A recombinant baculovirus-expressed Plasmodium falciparum receptor-binding domain of erythrocyte binding protein EBA-175 biologically mimics native protein. Infect Immun Jun; 68(6):3564-8.	

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PD	16	MILLER, L. H., MASON, S. J., DVORAK, J. A., MCGINNIS, M. H., ROTHMAN, I. K., Erythrocyte receptors for (<i>Plasmodium knowlesi</i>) malaria: Duffy blood group determinants. <i>Science</i> 1975 Aug 15; 189-(4202) :561-3.		
PD	17	NARUM, D. L., AND THOMAS, A. W. 1994. Differential localization of full-length and processed forms of PF83/AMA-1 an apical membrane antigen of <i>Plasmodium falciparum</i> merozoites. <i>Mol Biochem Parasitol.</i> 67:59-68.		
PD	18	NARUM, D. L., HAYNES, J. D., FUHRMANN, S., MOCH, K., LIANG, H., HOFFMAN, S. L., AND SIM, B. K. 2000. Antibodies against the <i>plasmodium falciparum</i> receptor binding domain of EBA-175 block invasion pathways that do not involve sialic acids [In Process Citation]. <i>Infect Immun.</i> 68:1964-6.		
PD	19	ORLANDI, P. A., SIM, B. K., CHULAY, J. D., AND HAYNES, J. D. 1990. Characterization of the 175-kilodalton erythrocyte binding antigen of <i>Plasmodium falciparum</i> . <i>Mol Biochem Parasitol.</i> 40:285-94.		
PD	20	ORLANDI, P. A., KLOTZ, F. W., AND HAYNES, J. D. "A malaria invasion receptor, the 175-kilodalton erythrocyte binding antigen of <i>Plasmodium falciparum</i> recognizes the terminal neu5Ac((2-3) gal-sequences of glycophorin A." <i>J. Cell Biol.</i> 116:901-909 (1992).		
PD	21	SIM, B. K., ORLANDI, P. A., HAYNES, J. D., KLOTZ, F. W., CARTER, J. M., CAMUS, D., ZEGANS, M. E., AND CHULAY, J. D. Primary structure of the 175K <i>Plasmodium falciparum</i> erythrocyte binding antigen and identification of a peptide which elicits antibodies that inhibit malaria merozoite invasion. <i>J Cell Biol.</i> 1990; 111, no. 5 Pt 1:1877-1884.		
PD	22	SIM, B. K. L., CHITNIS, C. E., WASNIEWSKA, K., HADLEY, T. J., MILLER, L. H., "Receptor and ligand domains for Invasion of erythrocytes by <i>Plasmodium falciparum</i> . <i>Science.</i> 264:1941-1944. (1994)		
PD	23	SIM, B. K. L., TOYOSHIMA, T., HAYNES, J. D., AND AIKAWA, M. 1992. Localization of the 175-kilodalton erythrocyte binding antigen in micronemes of <i>Plasmodium falciparum</i> merozoites. <i>Mol Biochem Parasitol.</i> 51:157-9.		
PD	24	VERNES, A., HAYNES, J. D., TAPCHAISRI, P., WILLIAMS, J. L., DUTOIT, E., DIGGS, C. L., <i>Plasmodium falciparum</i> strain-specific human antibody inhibits merozoite invasion of erythrocytes. <i>Am J Trop Med Hyg</i> 1984 Mar;33(2) :197-203.		
PD	25	HADLEY, T.J., "Invasion of erythrocytes by malaria parasites: a cellular and molecular overview." <i>Annu Rev. Microbiol.</i> (1986);40:451-77.		

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